Bachelor of Science - Neuroscience Emphasis

**PREPARATORY Subject Matter: 62-65 units**

- Philosophy 10 / Cognitive Science 1
- Psychology 1 / Psychology 1Y
- Psychology 41
- Statistics 13 or 100
- Linguistics 1
- Philosophy 13G

/ / Math 17A-C or Math 21A-C

/ / Biology 2A-C

/ / Physics 7A-C or 9A-C

**DEPTH Subject Matter: 45-47 units**

- **Group A— Core Classes Complete All (13 units)**
  - Any Upper Division Cognitive Science Course (4) – see back of sheet for course options
  - NPB 100 (4): Neurobiology
  - PSC 103A (5): Statistical Analysis of Psychological Data

- **Group B (Computation) – Complete ONE of the following courses (4-5 units)**
  - NPB 167: Computational Neuroscience *(offered infrequently)* OR LIN 177: Computational Linguistics

- **Group C (Neuroscience) – Complete 12-13 units from the following courses**
  - NPB 112 (3): Neuroscience
  - NPB 152/PSC 123 (3): Hormones and Behavior
  - NPB 161 (3): Developmental Neurobiology
  - NPB 162 (3): Neural Mechanisms of Behavior
  - NPB 163 (3): Systems Neuroscience
  - NPB 164: Mammalian Vision
  - NPB 165 (3): Neurobiology of Speech Perception
  - LIN 175: Biological Basis of Language
  - PSC 101**: Biological Psychology
  - PSC 121*: Physiological Psychology
  - PSC 135*: Cognitive Neuroscience

- **Group D (Philosophy/Linguistics) – Complete TWO of the following courses (8 units)**
  - LIN 103A: Linguistics Analysis I
  - LIN 103B: Linguistics Analysis II
  - LIN 150: Languages of the World
  - LIN 182: Multilingualism
  - PHI 103: Philosophy of the Mind
  - PHI 104: The Evolution of Mind
  - PHI 129: Knowledge and the A Priori

- **Group E (Psychology) – Complete TWO of the following courses (8 units)**
  - PSC 100: Cognitive Psychology
  - PSC 101**: Biological Psychology
  - PSC 113: Developmental Psychology
  - PSC 121*: Physiological Psychology
  - PSC 124: Comparative Neuroanatomy
  - PSC 130: Human Learning and Memory
  - PSC 131: Perception
  - PSC 132: Language and Cognition
  - PSC 135*: Cognitive Neuroscience
  - PSC 137: Neurobiology of Learning

* Starred courses can only be used to satisfy the requirements for Group C or Group E, NOT both

^ Only 2 units of credit granted for PSC 101 if NPB 100 has been previously completed (this restriction only applies towards graduation units, NOT major units)

Effective starting Fall 2016